HALEY & ALDRICH

BOEING REALTY CORPORATION
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

TECHNICAL MEMORANDUM

IMPORT SOIL EVALUATION
USE OF Lot 3 OF PARCEL B SOIL AS IMPORT TO PARCEL C

To: **Mr. Brian Mossman**
Boeing Realty Corporation
3855 Lakewood Blvd.
Building 1A MC D001-0097
Long Beach, CA 90846

From: **Haley & Aldrich, Inc.**

Date: **April 19, 2002**

Re: **Use of Lot 3 - Parcel B Soil as Import to Parcel C, Import Soil Evaluation for the Boeing Realty Corporation, Former C-6 Facility – Parcel C, Los Angeles, California**

Haley & Aldrich, Inc. is herein providing this technical memorandum to summarize our recommendations regarding use of soil currently present on Lot 3 of Parcel B as import to Parcel C of the Boeing Realty Corporation's (BRC's) Former C-6 Facility in Los Angleles, California (subject parcel).

OVERVIEW/PURPOSE

It is proposed that approximately 9,000 cubic yards of soil currently located on Lot 3 of Parcel B be used as import soil for use as fill soil on Parcel C. The shallow soil (present from the ground surface to depths of approximately 12 feet below ground surface [bgs]) situated on Parcel B, including the subject 9,000 cubic yards of soil, have been granted closure by the Los Angeles Regional Water Quality Control Board (RWQCB). In a letter dated January 7, 2000, the RWQCB indicated that no further action is required for the soil investigation and remediation related to the shallow soil (0 to 12 feet bgs) of Parcel B.

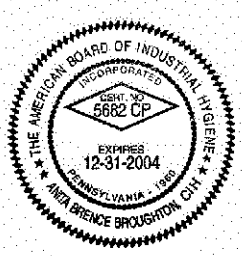
Haley & Aldrich, Inc. previously submitted a technical memorandum entitled, "Import Soil Evaluation Use of Parcel B Soil as Import to Parcel C," dated February 15, 2001. Based on the soil analytical results from soil samples prior to grading activities on Parcel B, the following recommendations were made:

- The reported analytical results are generally less than or slightly greater (less than 2 times greater) than the import soil criteria.
- These soils have been granted closure by the RWQCB and originated from the subject facility property.

- The average concentrations of the above-identified chemicals within the subject soil are less than the reported discrete sample results, and are less than the import soil criteria. In addition, the soil at the sampled locations have been mixed with other site soil during redevelopment grading activities, and will be remixed during handling prior to and during proposed grading activities on Parcel C, potentially further homogenizing the soil and averaging the concentrations within the subject soil.

A Haley & Aldrich, Inc. representative was present during soil import activities on February 7, 2002 to oversee these activities. Visual observations (e.g., for staining and odors) were made and monitoring was conducted with a photoionization detector (PID) on randomly collected headspace soil samples to verify the presence or absence of indications of soil impacts. The PID was calibrated to isobutylene. Based on field observations and PID readings, soils imported from Parcel B onto Parcel C did not contain visual indications of impact and PID readings ranged from 0.0 to 0.4 parts per million by volume (ppmv) (within background levels). Based on the evaluation results present herein and verbally transmitted to BRC and its contractors, approximately 9,000 cubic yards if soil from Lot 3 of Parcel B was approved for placement on Parcel C.

Sincerely yours,
HALEY & ALDRICH, INC.



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